INDEX TO VOLUME 8

[New names in **bold-face** type]

A

Agersborg, H. P. K., How may our large mammals be protected, 123.
Alexandromys pelliceus, 138.
Allen, G. M., An interesting deer from Szechwan, 62; Dichromatism in a litter of red-backed mice, 248; The range of Chiroderma isthmicum Miller, 158.
Amblyotus caucasicus, 153.
nilssonii, 153.
tamerlani, 154.
tauricus, 153.
velox, 154.
antelope, American, 125.
prong-horn, 61, 125, 164, 249.
Antilocapra americana, 62, 125.
Apodemus agrarius, 138.
armadillo, nine-banded, 60.
Arvicola amphibius, 136.

B

badger, 250.
Bailey, V., review of Warren's The beaver, 252.
Balaenoptera physalus, 48.
Ballou, W. H., Squirrels as mushroom eaters, 57.
Barbastella barbastellus, 155.
blanfordi 155.
caspica, 155.
walteri, 141.
Bartlett, R. A., Newfoundland seals, 207.
bat, little California, 250.
red, 243.
beaver, 119, 165, 245, 285.
Bingham, H. C., Parental play of chimpanzees, 77.
bison, 60.
European, 231.
Burnham, J., A musical mouse, 162.
Burt, W. H., A simple live trap for small mammals, 302.

C

Caldwell, K., African game protection, 74.
Carey, H. R., Carl Akeley's last words about Africa, 172.
Carr, C., The speed of prong-horn antelopes, 249.
Cates, E. C., Notes concerning a captive prairie-dog, 33.
Cervus dejeani, 62.
hanglu, 63.
macneilli, 62.
wardi, 62.
Chilotus socialis, 137.
chimpanzee, 77.
Chionomys gud, 139.
ighesicus, 139.
chipmunk, Wasatch, 251.
Chiroderma isthmicum, 158.
Citellus elegans, 250.
musicus, 138.
pallidus, 41.
parvus, 41.
tridecemlineatus, 41, 269.
comment and news, 76, 173, 267, 349.
correspondence, 74, 172.
Couch, L. K., Migrations of the Washington black-tailed jack rabbit, 313.
Cryptotis parva, 52.
Cynomys ludovicianus, 33, 110.
Cystophora cristata, 207.

D

Davis, A. C., Sound perception in a harvest mouse, 161.

Dearborn, N., An old record of the mountain lion in New Hampshire, 311.
deer, 106, 213.
mule, 289.
Rocky Mountain mule, 289.
white-tailed, 308.
Dice, L. R., How do squirrels find buried nuts?, 55; Notes on the young of the red bat (Nycteris borealis borealis), 243; The Colorado pika in captivity, 228; The transfer of game and fur-bearing mammals from state to state, with special reference to the cottontail rabbit, 90.
Dixon, J., Authors' separates, 76; Horned does, 289; The white-tailed deer in California, 308.
Dukelski, N. M., External characters in the structure of the feet and their value for the classification of the voles, 133.

E

elk, 165.
Engle, E. T., Notes on the sexual cycle of the Pacific Cetacea of the genera Megaptera and Balaenoptera, 48.
Eptesicus intermedius, 152.
ognevi, 152.
serotinus, 152.
turcomanus, 152.
Erethizon epixanthum, 251.
Eutamias consobrinus, 251.
Evotomys baikalensis, 137.
glareolus, 136.
irkutensis, 137.
ochraceous, 279.
proteus, 248.

F

Fisher, C., The European bison in Sweden, 231.

G

general notes, 55, 158, 243, 308.
Geomys lutescens, 310.
Gerbillus unguiculatus, 239.
Gianini, C. A., An unusual habit of the mink, 244.
Gidley, J. W., A true marten from the Madison Valley (Miocene) of Montana, 239.
Gifford, H., Fernando Po as an ape reserve, 312.
Glaucomys bangsi, 251.
californicus, 314.
gopher, pocket, 310.
Gregory, T., Photographing beavers, 119; Random flashlights, 45; Some flashlights of New Mexico mammals, 285.

H

Hartman, C. G., A case of supernumerary nipple in Macacus rhesus, with remarks upon the biology of polymastia and polythelia, 96.
Hatt, R. T., A gray squirrel carries its young, 244.
Hay, O. P., The prong-horn antelope in Illinois, 61.
Hisaw, F. L., and F. E. Emery, Food selection of ground squirrels, Citellus tridecemlineatus, 41.
Hisaw, F. L., and M. L. Zilley, A study of the pelvic girdle of 20-mm. embryos of the mole, Scalopus aquaticus machrinus (Raf.), 115.
Hoplophoneus mentalis, 296.
Howell, A. B., Ninth annual meeting of the American Society of Mammalogists, 264.
Howell, A. H., The rice rat in Maryland, 312.
Huey, L. M., The latest northern elephant seal census, 160.

J

Jackson, H. H. T., review of Audubon's Delineations of American scenery and character, 63; review of Burrell's The Platypus, 252; review of Henderson's The practical value of birds, 317; review of Schmoe's Our

greatest mountain, 166; review of Yerkes' The mind of a gorilla, 168.
Jarvis, F. N., Rats are good swimmers, 249.
Johnson, B. W., Preliminary experimental studies of mice of Mount Desert Island, Maine, 276.
Johnson, C. E., On the supposed relation of deer to cedars bordering certain Adirondack lakes, 213.
Johnson, G. E., Observations on young prairie-dogs (Cynomys ludovicianus) born in the laboratory, 110.
Johnson, J. M., The term "crime" applied to animals, 173.
Johnson, P. B., review of Patten's The embryology of the pig, 253.

K

Klugh, A. B., Ecology of the red squirrel, 1.

L

lemming, bog, 52.
Lepus townsendii, 313.
wallawalla, 313.
Lewis, J. B., A mink fight, 308.
Linsdale, J., Notes on the life history of Synaptomys, 51.
lion, mountain, 158, 311.
list of members, 327.

M

Macacus rhesus, 96.
Marmota nosophora, 250.
marten, 239.
Martes **kinseyi, 240.**
McLellan, M. E., Pizonyx vivesi on Isla Partida, Gulf of California, 243.
Megaptera nodosa, 48.
Microtus agrestis, 137.
arvalis, 137.
chrotorrhinus, 311.
michnoi, 233.
mongolicus, 235.
ochrogaster, 52.
oeconomus, 137.
pelliceus, 136.
pennsylvanicus, 278.
raddei, 236.
ratticeps, 137.
ungurensis, 234.
Miniopterus pallidus, 157.
schreibersii, 157.
mink, 244, 308.
Mirounga angustirostris, 160.
mole, 115.
Moore, A. W., Extension of range of two members of Thomomys douglasii group, 308.
moose, 163.
mouse, deer, 279.
golden, 246.
house, 162.
long-tailed harvest, 161.
meadow, 278.
mole, 248.
red-backed, 248, 279.
tawny deer, 251.
white-footed, 46, 288.
Murie, O. J., The Alaska red squirrel providing for winter, 37.
Murina ognevi, 157.
sibirica, 157.
ussuriensis, 157.
Mus hortulanus, 138.
major, 238.
musculus, 52.
sylvaticus, 138.
Muscardinus avellanarius, 135.
muskrat, 165.
Mustela arizonensis, 250.
rixosa, 158.
Myomimus personatus, 138.
Myotis **amurensis, 144.**
bechsteinii, 144.
brandtii, 145.
californicus, 250.
capaccinii, 147.
dasycneme, 146.
daubentonii, 147.
emarginatus, 144.
gracilis, 145.
ikonnikovi, 145.
longicaudatus, 145.
major, 146.

myotis, 144.
nattereri, 144.
oxygnathus, 144.
turkomanicus, 144.
ussuriensis, 146.
volgensis, 146.

N

Neotoma cinerea, 251.
Nichols, J. T., Notes on the food habits of the gray squirrel, 55.
Nyctalus aviator, 152.
leisleri, 151.
noctula, 151.
princeps, 151.
siculus, 151.
Nycteris borealis, 243.
Nyctinomus insignis, 157.
teniotis, 157.

O

Ochotona saxatilis, 228.
uinta, 251.
Odocoileus hemionus, 289.
macrourus, 308.
Ognev, S. I., A synopsis of the Russian bats, 140.
Oryzomys palustris, 312.
Otonycteris cinereus, 141.
hemprichii, 155.

P

Peromyscus abietorum, 279.
albifrons, 184.
aureolus, 246.
gambelii, 179.
gracilis, 46.
leucocephalus, 190.
noveboracensis, 52.
polionotus, 179.
rufinus, 251, 288.
Phenacomys ungava, 305.
Phoca groenlandica, 207.
Pickens, A. L., Golden mice in upper North Carolina, 246.
pika, Colorado, 228.
Uinta, 251.
Pipistrellus bactrianus, 150.
kuhlii, 150.
nathusii, 150.
pipistrellus, 150.
Pitymys scalopsoides, 248.
Pizonyx vivesi, 243.
Plecotus auritus, 156.
sacrimontis, 156.
wardi, 156.
Platyceranius strelzowi, 139.
porcupine, 46, 165, 251.
prairie-dog, 33, 58, 110.
Prometheomys schaposchnikowi, 139.

R

rabbit, cottontail, 222.
eastern cottontail, 92.
Mearns cottontail, 92.
New England cottontail, 92.
Washington black-tailed jack, 313.
western white-tailed jack, 313.
white-tailed jack, 249.
rat, black, 58.
brown, 58, 249.
swamp rice, 312.
wood, 251.
Rattus caraco, 237.
norvegicus, 58, 249.
rattus, 58.
recent literature, 63, 166, 252, 317.
Reithrodontomys dychei, 52.
longicaudus, 161.
Rhinolophus blasii, 142.
bocharicus, 142.
colchicus, 140.
euryale, 142.
ferrum-equinum, 141.
hipposideros, 142.
mehelyi. 143.
mikadoi, 142.
nordmanni, 140.
proximus, 142.
Rush, W. M., Notes on beaver anatomy, 245; Notes on diseases in wild game mammals, 163.

S

sambar, 62.
Saunders, W. E., Phenacomys ungava in Ontario, 305.
Scalopus machrinus, 115.
Schmidt, F. J. W., Pitymys pinetorum scalopsoides in Wisconsin, 248.
Schwarz, E., Paul Matschie, 292.
Sciurus carolinensis, 244.
gymnicus, 1.
hudsonicus, 1, 37.
loquax, 1.
rufiventer, 55.
ventorum, 251.
vulgaris, 138.
seal, harp, 207.
hooded, 207.
northern elephant, 160.
sheep, mountain, 163.
Sicista nordmanni, 138.
Silver, J., The introduction and spread of house rats in the United States, 58.
Skinner, M. P., Moose becoming a common sight in Yellowstone National Park, 163; The white-tailed jack rabbit eats dandelion stalks, 249.
skunk, 250.
Snyder, L. L., Microtus chrotorrhinus chrotorrhinus from Lowbush, Lake Abitibi, Ontario, 311.
Spilogale saxatilis, 250.
squirrel, flying, 251.
fox, 55.
gray, 55, 57, 244.
ground, 41.
mountain ground, 250.
pine, 251.
red, 1, 37.
San Bernardino flying, 314.
thirteen-striped ground, 269.
stag, Hangul, 63.
Kashmir, 63.
Stenocranius eversmanni, 139.
gregalis, 139.
major, 139.
slovzowi, 139.
Strecker, J. K., A possible albino armadillo, 60; The trade in deer skins in early Texas, 106.
Sumner, E. L., Jr., Notes on the San Bernardino flying squirrel, 314.
Sumner, F. B., Linear and colorimetric measurements of small mammals, 177.
Sylvilagus audubonii, 92.
baileyi, 93.
floridanus, 92.
mallurus, 92.
mearnsii, 52, 92.
transionalis, 92.
Synaptomys fatuus, 54.
gossii, 51.

T

Tamias asiaticus, 138.
Tanner, V. M., Some of the smaller mammals of Mount Timpanogos, Utah, 250.
Taxidea taxus, 250.
Taylor, W. P., Relation of animals to weather and climate, 75.
Thomomys bulbivorus, 309.
douglasii, 308.
niger, 309.
oregonus, 309.
Todd, J. B., Winter food of cottontail rabbits, 222.

V

Vespertilio murinus, 155.
Vinogradov, V., and S. Obolensky, Some rodents from Transbaicalia, east Siberia, 233.

W

Wade, O., Breeding habits and early life of the thirteen-striped ground squirrel, Citellus tridecemlineatus (Mitchill), 269; Food habits of a pocket gopher, 310.
Wagner, G., review of Howell's Anatomy of the wood rat, 166.
Walker, A., Least weasel in North Dakota, 158.

Warren, E. R., Altitude limit of bison, 60.
weasel, 250.
least, 158.
whale, finback, 48.
humpback, 48.
Whitehead, L. C., Notes on prairie-dogs, 58.
Wood, H. E., 2nd, Hoplophoneus mentalis, and cusp homologies in cats, 296.
woodchuck, 250.

Y

Young, S. P., Mountain lion eats its kittens, 158.